Microsoft Virtual Academy

Provisioning and Configuring Office 365

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About the Presenter

Siegfried Jagott

Exchange MVP / Principal Consultant

Allgeier IS, Germany

- Consultant for general Microsoft Infrastructure topics (AD, Exchange, Office 365, Azure, etc.)
- Award-winning author of various books and Microsoft courseware for Windows, Exchange, System Center & Office 365
- Speaker at international conferences such as Ignite Conference 2015, MEC 2014, Microsoft TechEds and IT Dev Connections Conferences
- Microsoft Most Valuable Professional (MVP) for Exchange

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Office 365

About the Presenter

Martin Coetzer

Portfolio Architect
Microsoft Learning eXperiences

- Portfolio Architect at Microsoft Learning eXperiences responsible for the learning paths courses and certification for Office 365, Exchange, Skype for Business and SharePoint
- 20 years of IT industry experience. In Microsoft since 2002
- Previously consultant at Microsoft responsible for architecting and deploying Microsoft technologies: Exchange, Lync, FIM and Office 365

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Office 365

Setting Expectations

- Target Audience
  - IT Professionals interested in deploying and managing Office 365
  - Should have a basic understanding of Office 365
- Tailored for the IT pro that needs to get up to speed on how to provision Office 365
  - Real world Tips and Tricks
  - Fast paced for the busy IT Pro
  - Action packed demos that can be reviewed from this recording

Course Topics

Provisioning and Configuring Office 365	
01 | Office 365 Tenants, Service Description and Tools	
02 | Planning an Office 365 Deployment	
03 | Managing Office 365 Admin Roles and Password Management	
04 | Managing the Office 365 Licensing Model	

01 | Office 365 Tenants, Service Description and Tools

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Module Overview

- Office 365 Service Descriptions
- Office 365 Tenants
- Office 365 Planning and Deployment Tools

Office 365 Service Descriptions

Office 365 Service Descriptions

- Office 365 Service Descriptions provide an overview of all available services and features
- Includes details about license plans and on-premises vs. online versions
  - http://www.office365sd.com
  - https://technet.microsoft.com/en-us/office/dn788955
- Details about SLAs for the service (Office 365 Trust Center)
  - http://products.office.com/en-us/business/office-365-trust-center-cloud-computing-security

Available Office 365 Service Descriptions

- **Office 365 Platform**
- **Exchange Online**
- **Exchange Online Archiving**
- **Exchange Online Protection**
- **SharePoint Online**
- **OneDrive for Business**
- **Skype for Business Online**
- **Office Online**
- **Office Applications**
- **Project Online**
- **Project Pro for Office 365**
- **Yammer**
- **Power BI for Office 365**
- **Microsoft Dynamics CRM Online**

Demo

OFFICE 365 SERVICE DESCRIPTIONS

Office 365 Tenant

Office 365 Tenant Creation

- Office tenant name
  - Can include only letters and numbers, no spaces and other type of characters, no difference between lower and upper caps
  - Must be unique – no other tenant can have the same name
- Purpose of the Office 365 tenant name
  - Default e-mail address (<tenantname>.onmicrosoft.com)
  - Default for internal mail routing address (<tenantname>.mail.onmicrosoft.com)
  - Users see tenant name in Sharepoint Online and OneDrive (<tenantname>.sharepoint.com; <tenantname>-my.sharepoint.com)
- Tenant name cannot be changed – so choose it wisely!

Office 365 Tenant Region

- Tenant region:
  - Defines the region your tenant is created in (e.g., US, Europe,…)
  - Services may vary between regions
  - Availability of new services may vary between regions
- Tenant region cannot be changed once tenant is created!
- Tenant creation verification:
  - Text message
  - Voice call

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OFFICE 365 TENANT CREATION

Common Issues During Tenant Account Provisioning

Issue	Remedy
Tenant name unavailable	Choose a different name
Offensive or restricted name with Government accounts	Do not use an offensive or restricted name associated with another government department
Provisioning time	SharePoint can take up to an hour to provision – allow in timescales
Your company name may be used by someone else	Choose a different name for the tenant name and then configure a custom domain using your company domain name

Office 365 Planning and Deployment Tools

Office 365 Integration with On-Premises Options

- No integration, just use cloud-IDs
- Directory synchronization
- Directory synchronization with password synchronization
- Directory synchronization with single sign-on (i.e., AD FS)
- Hybrid deployments for Exchange Server, Skype for Business and SharePoint Server

Office Planning and Deployment Tools

- Office 365 health, readiness and connectivity checks
- IDFix
- Exchange Client Performance Analyzer
- Office 365 Best Practices Analyzer for Exchange Server 2013
- Remote Connectivity Analyzer

Office 365 Health, Readiness, and Connectivity Checks

- Office 365 HRC provides a set of automated readiness checks
- Recommended to run before you deploy Office 365 in the following situations:
  - Your company requires identity federation
  - You plan to implement an Exchange hybrid deployment
- Requirements to run tool:
  - A Windows 7/8 machine (64-bit only), that is connected to your organization’s Active Directory.
- Logs are saved to c:\Office365Logs folder

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OFFICE 365 HRC CHECKS

IdFix - AADSync Error Remediation Tool

- Identifies and remediates AD object issues that will fail Windows Azure AD Dirsync
- Built on analysis of AADSync daily error volumes and is targeted at fixing the majority of errors quickly
- Provides a data grid with the ability to scroll, sort and edit
- Suggested fixes are provided for known errors
- Custom change, confirmation change, and undo/rollback functionality

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RUN IDFIX.EXE TO IDENTIFY POTENTIAL DIRSYNC ISSUES

Exchange Client Performance Analyzer

- Exchange Client Performance Analyzer (ECPA) tool identifies issues that affect performance between your company’s client PCs and Office 365
- ECPA checks for a few things when it runs the performance tests:
  - Analyzes network performance from client to Office 365 datacenter
  - Collects DNS and ISP details
  - Ensures that all ports required for Office 365 to work correctly are enabled

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EXCHANGE CLIENT PERFORMANCE ANALYZER

Office 365 Best Practices Analyzer for Exchange Server 2013

- Evaluates the health and readiness of your on-premises Exchange Server 2013 environment
- Requires an Exchange Online subscription
- Tool can be used to verify
  - Exchange Server 2013 on-premises only
  - Exchange Server 2013 hybrid configuration
- Must be run from an on-premises Exchange Server 2013

Remote Connectivity Analyzer

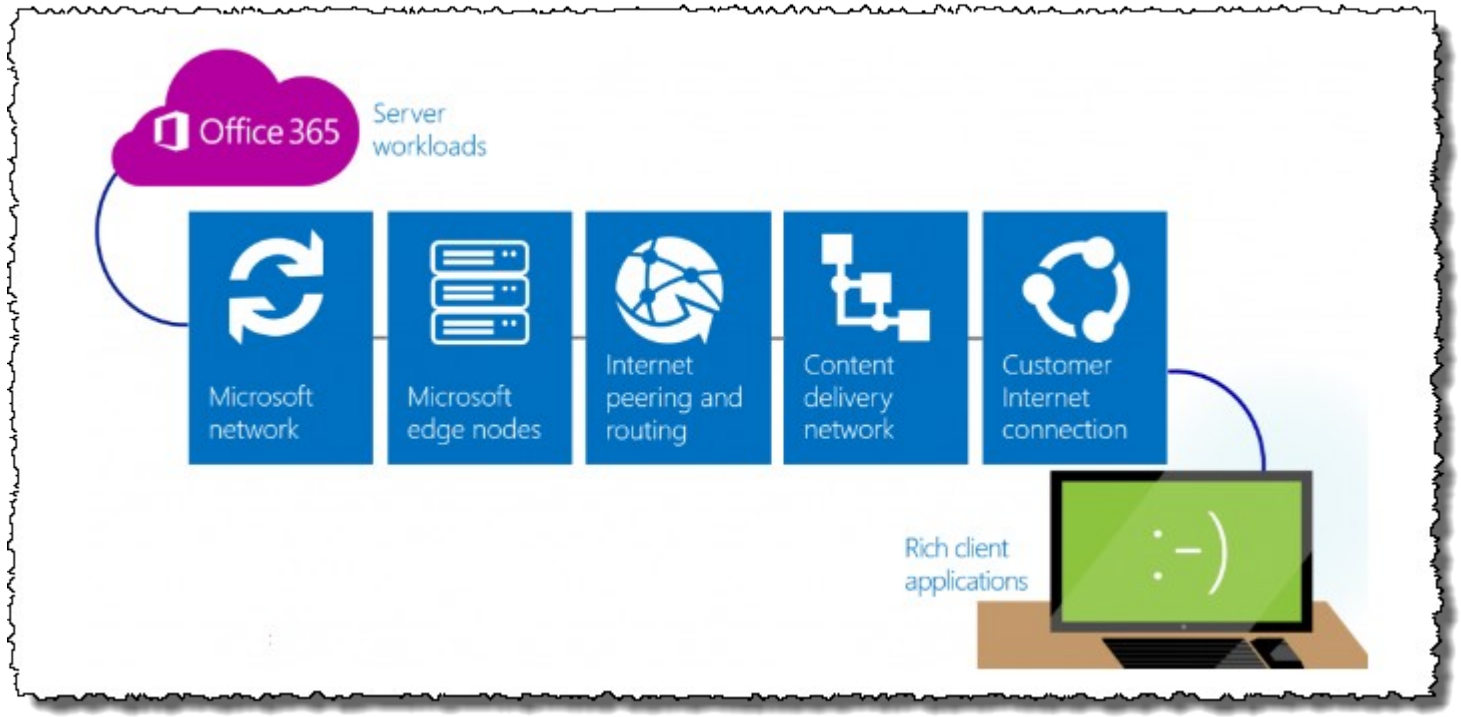
- Remote Connectivity Analyzer is a set of tests that validate your company’s Internet settings for Microsoft services
- Includes checks for Exchange Server, Lync, Client and Office 365
- These are mostly troubleshooting tools, but also includes Microsoft Connectivity Analyzer Tool to verify connectivity to Office 365
- Link: http://aka.ms/RCA

Additional Resources

- Office 365 Tenant & Signup
  - http://office.microsoft.com
- Office 365 Trust Center
  - http://products.office.com/en-us/business/office-365-trust-center-cloud-computing-security
- Office 365 service comparison
  - https://technet.microsoft.com/en-us/office/dn788955
- Deployment planning tips for Office 365
  - https://technet.microsoft.com/en-us/library/hh852435.aspx

Additional Resources on Microsoft Virtual Academy

- Office 365 Performance Management
  - http://aka.ms/tunemva



- Several courses on planning, performance, and troubleshooting

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